

BART Agreement Number: 6M8150

Approval Date: 10/16/20

Work Plan: No. B.08-1 Continuation eBART Annual Routine Inspection (2020 & 2021)

Scope:

A. Project Management and Administration

1. Manage project tasks; conduct QC of all reports and coordinate meetings as appropriate and attend meetings with eBART.

D. Inspections

1. Coordinate inspections with system maintenance for access and develop a detail inspection schedule.
2. Obtain any permits or permissions needed from Caltrans, City of Antioch, and City of Pittsburg to perform inspections. Provide traffic control as needed.
3. Ensure that all structure inspection work conforms to the current applicable code and regulations, including FRA 49 CFR Part 237, APTA Standard "Rail Transit Fixed Structures Inspection and Maintenance" (Publication No. APTA-RT-FS-S001-2, Rev 1 dated Oct 06, 2016) and the National Bridge Inspection Standards (NBIS).
4. Perform close visual inspection of all main components of the superstructure including arms-length maximum for fracture critical members and a close visual inspection for the substructure units supporting spans. The field investigation of the structures will include inspection for cracks, spalls, corrosion, efflorescence, collision damage, loose connections, unusual vibration or deflection, paint deterioration, and any other defects. When a crack is discovered or suspected in a fracture critical member through visual inspection, a follow-up non-destructive test will be performed to confirm the existence of the crack and/or the extent of the crack. Notification to eBART will follow immediately for any structural deficiencies of urgent concern discovered during the field inspections.

E. Inspection Reports

Contractor shall submit comprehensive inspection reports detailing all the findings of the field inspection. The inspection report should include the following:

1. Description of the bridge and an overall summary of the condition of the structure with color photos and sketches of the typical conditions.
2. A summary list of required immediate repairs.
3. A summary of recommended corrective action, increased inspection frequency, or special material testing if needed.
4. A copy of the field notes with detailed descriptions.
5. Additional reports for the Box Culvert and Tunnels shall be provided.

F. On-Call Services

During the term of the work plan, Contractor shall provide on-call response team to perform special inspections. These inspections include, but not limited to, required inspections or events that may have compromised the integrity of the bridge such as: flood, fire, earthquake, derailment or vehicular impact. Contractor shall have a response team to be available to contact 24 hours a day, 7 days a week and be on-site to perform post-event inspections within 4 hours of notification. On-call services rate shall cover the needs for all seven (7) bridges, (2) tunnels and (1) culvert.

Prime: PreScience Corp.

Subconsultants: None

Total Work Plan Value: \$179,450